SONY

KDL-48R470B

47.6” (diag) R470B Series LED HDTV

So realistic you might just forget you’re watching TV. Stunning images are produced using our Clear Resolution Enhancer picture engine that allows you to enjoy individual details and textures that are ultra-crisp and oh-so-realistic. There’s also amazing contrast that helps images come alive on screen.

Bullets

- Brilliant Full HD 1080p picture quality.
- Direct LED for a bright picture and slim design.
- Smooth movement with Motionflow™ XR 120.
- Smartphone ready - TV that’s made for your smartphone.
- Crisp detail & contrast w/ Clear Resolution Enhancer
- Share your pictures on the big screen via USB input.

Features

Full HD 1080p

Nothing expresses crystal-clear detail like Full HD 1080p picture quality. Take advantage of the all-out HD glory of broadcast TV, satellite and other HD sources like your Blu-ray Disc player or PlayStation 4 entertainment system.

Bright and slim.

Powerful yet thin LEDs deliver a brighter picture than conventional LCD backlighting. They also help achieve a slimmer TV design that looks beautiful in your home. What's more, Sony's Direct LED Backlight technology delivers outstanding contrast, rich colors and enhanced dark-scene detail.

Silky smooth.

Recreate the movement of real life. Sprinters accelerate clearly with less blur, so watching from home feels like you're watching from the stands. By minimizing judder, Motionflow™ XR 120 technology helps fast-paced action look natural for a more authentic view of the game.

Your smartphone, now on your TV.

Movies, music and apps from your smartphone can now be viewed big on your TV. Sony is helping you add value to the entertainment you already own. Using a Mobile High Definition Link cable, you can connect your smartphone to the TV to literally “mirror” what’s seen on the smartphone screen. Video, photos and apps are re-sized and scaled to fit the larger TV screen. You can then use the TV remote to navigate the phone, while it’s charging from the TV.[2]

USB input for your camera and more.

Share your vacation photos instantly on the big screen or listen to your favorite music. Simply connect your compatible digital camera, USB-enabled MP3 player or USB storage device directly to your HDTV’s USB input. It’s a fast and simple way to relive the memories without a hassle. Even choose between slideshow, clock and calendar viewing modes.[3]

Clearly different.

Fine details and textures appear in whatever you’re watching, even in flat areas. Powered by Sony’s advanced noise reduction algorithm, this technology boosts image clarity with heightened contrast and depth that you won’t find on most televisions.

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Specifications

Audio	
Audio Power Output	8W+8W
Speaker Configuration	2ch, Full Range (30 x 80 mm) x 2
Speaker Position	Down Firing
Audio Features	
5.1 Channel Audio Out	Yes
Alternate Audio (Digital)	Yes
Audio Out	Fixed / Variable
Auto Mute (on no signal)	Yes
Clear Phase Speaker	Yes
Digital Out Format	Dolby Digital, DTS, PCM
Dolby®	Dolby Digital
Headphone/Speaker Link	Yes
Reflector	Yes
S-Master	Yes
Sound Booster	Yes
Sound Mode	Standard Music Cinema Game Sports
SteadySound® Automatic Volume Control	Yes
Stereo System	MTS (AUTO SAP)
Convenience Features	
Auto Shut-off	Yes
BRAVIA® Sync™	Yes
Channel Block (with password)	Analog & Digital
Channel Jump	Yes
Channel Surf	Yes
Edit Channel Labels	Yes
Favorites (Simple UI)	Yes
Info Banner	Yes
Input Skip	Yes
Label Inputs	Yes
Multiple Language Display	English Spanish French
On/Off Timer	Yes
On-Screen Clock	Yes
On-Screen Display for External Input	Yes
Parental Control	Yes
Photo Frame Mode	Yes
Scene Select	Photo Music Cinema Game Graphics Sports Auto
Show/Hide Channels	Yes
Sleep Timer	Yes
USB Play	Yes (USB viewer supports FAT16, FAT32 and NTFS file systems.)
USB Play (Contents)	MPEG1 / MPEG2PS / MPEG2TS / AVCHD / MP4Part10 / MP4Part2 / AVI(XVID) / AVI(MotionJpeg) / WMV9 / MKV / WEBM / WAV / MP3 / WMA / JPEG
USB Super Multi-Format Play	Yes
Design Features	
Stand Design	Mold Gloss Black
Display Features	
Dimming Type	Frame Dimming
Display Device	LCD
Display	
Aspect Ratio	16:9
Display Resolution	Full HD
Dynamic Contrast Ratio	Over 1 million
Screen Size (cm)	120.9 cm
Screen Size (measured diagonally)	48" (47.6")
Viewing Angle (Right/ Left)	89/89 degree
Viewing Angle (Up/ Down)	89/89 degree
Energy Saving & Efficiency	
Dynamic Backlight Control	Yes
Energy Star® compliant	Yes, V5.3, V6.0 & V6.1
Power Consumption (On Mode) for Energy Star	48.71W
Power Consumption (Standby Mode) for Energy Star	0.23W
Power Saving Modes	Yes
General Features	
Audio Return Channel	Yes
Closed Captions (CC)	Analog Digital
Demo Mode	Yes
Finish (Surface Color)	Black
Hotel Mode Menu	Yes
Start Up Sony Logo Display	Yes
Inputs and Outputs	
AC Power Input	AC Adapter (Bottom)
Analog Audio Input(s) (Total)	1 (Bottom)
Audio Out	1 (Bottom / Hybrid w/ HP)
Component Video (Y/ Pb/Pr) Input(s)	1 (Bottom) Hybrid w/ Composite
Composite Video Input(s)	1 (Bottom) Hybrid w/ Component
Digital Audio Output(s)	1 (Rear)
HDCP	HDCP1.4
HDMI PC Input Format	640x480@60Hz 800x600@60Hz 1280x768@60Hz-R 1280x768@60Hz 1360x768@60Hz 1024x768@60Hz 1280x1024@60Hz 1920x1080@60Hz
HDMI™ Connection(s) (Total)	2 (Side)
HDMI™ PC Input	Yes
Headphone Output(s)	1 (Bottom / Hybrid w/ Audio Out)
MHL	Yes (Version 2.1)
RF Connection Input(s)	1 (Bottom)
Subwoofer Out	1 (Bottom / Hybrid w/ HP and Audio Out)
USB 2.0	1 (Side)
Photo Share	Yes
Screen mirroring	Yes
Network Features	
Wi-Fi Certified	Yes
Wi-Fi Direct	Yes
Wi-Fi Frequency	2.4GHz
Wi-Fi Standard	b/g/n
Wireless LAN	Integrated
Power	
Power Consumption (in Operation) max.	75W
Power Consumption (in Standby)	120V : 0.4W / 240V : 0.5W
Power Requirements (voltage)	DC 19.5V
Regulation and Standards Compliance	
VESA® Hole Pitch	200 x 200 mm / 7 7/8 x 7 7/8 in
VESA® Hole Spacing Compatible	Yes

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Service and Warranty Information	
Limited Warranty Term	12 months
TV System	
Channel Coverage (Analog)	VHF: 2-13 / UHF: 14-69 / CATV: 1-135
Channel Coverage (Digital Cable)	CATV: 1-135
Channel Coverage (Digital Terrestrial)	VHF: 2-13 / UHF: 14-69
Color System	NTSC
Number of Tuners (Terrestrial/Cable)	1 (Digital / Analog)
TV System (Analog)	M
TV System (Digital Cable)	Clear QAM
TV System (Digital Terrestrial)	ATSC
Video	
Video Signal	1080/24p (HDMI only) 1080/60i 1080/60p (HDMI / Component) 480/60i 480/60p 720/60p 1080/30p (HDMI only) 720/30p (HDMI only) 720/24p (HDMI only)
Video Features	
24p True Cinema™ Technology	Yes
3D Comb Filter	Yes
4:3 Default	Yes
Advanced Contrast Enhancer (ACE)	Yes
Auto Wide	Yes
Blinking Type	Frame Blinking
CineMotion® Reverse 3:2 Pulldown Technology	Yes
Clear Resolution Enhancer	Yes
Digital Noise Reduction	Yes
LED Motion Mode	Yes
Live Color™ Technology	Yes
Motionflow™ Technology	Motionflow XR 120
MPEG Noise Reduction	Yes
Picture Mode	Vivid Standard Custom Photo-Vivid Photo-Standard Photo-Custom Cinema Game Graphics Sports
Wide Mode	Full Normal Wide Zoom Zoom Normal / Full1 / Full2 for PC
Weights and Measurements	
Dimensions (Approx.)	TV only: 42 7/8 x 25 1/2 x 3 5/8(2) in (1086 x 646 x 90.5 mm) TV with stand: 42 7/8 x 26 5/8 x 7 3/4 in (1086 x 674 x 196 mm)
Packaging (Approx.)	Carton dimensions: 48 5/8 x 29 x 7 in (1234 x735 x 176 mm) Carton weight: 33.1lbs (15.0 kg)
Weight (Approx.)	TV only: 20.1 lbs (9.1 kg) TV with stand: 20.8 lbs (9.4 kg)
Accessories	
Supplied Accessories	Remote Control (RM-YD092) Table Top Stand (separate, assembly required) AC Power Adaptor AC Power Cord (US 2Pin (w/o Polarity), C7) Screws Batteries (R03) Operating Instructions Warranty Card Quick Setup Guide
Optional Accessories	
Optional Accessories	MHL Cable (DLC-MB10, DLC-MB20, DLC-MC20)

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1. Broadband speed of at least 2.5 Mbps recommended (10 Mbps for HD). Content subject to change and may require fees. Wireless connectivity requires 802.11 home network (802.11n recommended).

2. Requires smartphone with Wi-Fi® certified Miracast™ technology. Certain formats are not supported.

3. Requires Mobile High Definition Link-compatible smartphone to be connected to the TV with a Mobile High Definition Link cable, sold separately.

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